

-7-

REMARKS

This Amendment is in response to the Advisory Action dated November 21, 2005 and to the Final Office Action dated September 20, 2005.

I. CLAIM REJECTIONS UNDER SECTION 112

A. §112, first paragraph

Claims 1-20 were rejected under §112, first paragraph as allegedly failing to comply with the written description requirement.

With the present Amendment, claim 1 is amended to recite that the step of "providing constants for a follow controller" includes "selecting a first controller from a plurality of controllers based on whether a position error signal running average exceeds a predetermined threshold."

These elements are fully supported by the original description and claims, and were moved into claim 1 from original dependent claims 2 and 4.

Independent claim 10 is amended to include similar limitations from original dependent claims 11 and 13.

Thus, these amendments are believed to satisfy §112, first paragraph.

B. "Predetermined Threshold"

In addition, claims 1, 10 and 16 are amended to replace the term "a running threshold" with --a predetermined threshold-- to better match the term originally used in dependent claims 4 and 13. With this Amendment, Applicants respectfully request that the rejection under §112 with respect to claims 1, 10 and 16 be withdrawn.

II. ALLOWABLE SUBJECT MATTER

Paragraph 10 of the Office Action dated March 24, 2005 states, "The claimed method as set forth in claims 4/2/1, 13/11/10 that selects the controller based on a position error running average exceeding a predetermined threshold is neither taught by

-8-

nor an obvious variation of the art of record."

Although not all limitations from claims 2/4 and 11/13 are incorporated into claims 1 and 10, the above language has been added to claims 1 and 10, and these limitations are neither taught nor suggested by the cited art.

Similar elements are present in independent claim 16.

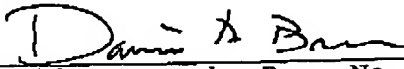
Thus, Applicants respectfully submit that these claims are patentable over the art of record.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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